

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8531	((422/188,197,196,198,239,201) or (208/46,78,79)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/01/28 15:50
L3	98	2 and catalyst same (two or more or multiple or plural) (reactor or section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/01/28 15:51
L2	2414	1 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/01/28 15:51
L8	12	L7 and (multiple or plurality or plural or several or more) (catalyst bed)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:52
L7	82	L6 and heat exchange\$1	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:52
L6	257	L5 and @ad<"20020704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:52
L5	486	L4 and ("422" or "208").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:52
L4	1344	parallel with reactor same (fixed or catalyst) bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:52
L16	61	L15 and (tubular or bundle or tube shell)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53
L15	135	L14 and reactor near (parallel or series)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53
L14	2108	L13 and @ad<"20020704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53
L13	8214	((422/188,197,196,198,239,201) or (208/46,78,79)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/28 15:53
L12	48	((US-20020010220-\$ or US-20020048536-\$ or US-20020170976-\$ or US-20030014974-\$ or US-20030068260-\$ or US-20030083535-\$ or US-20030114543-\$ or US-20030175173-\$ or US-20060180501-\$).did. or (US-2852545-\$ or US-3288590-\$ or US-3334971-\$ or US-3827879-\$ or US-3890142-\$ or US-3904397-\$ or US-3911896-\$ or US-3968653-\$ or US-4046556-\$ or US-4082545-\$ or US-4152139-\$ or US-4259294-\$ or US-4279830-\$ or US-4316880-\$ or US-4375983-\$ or US-4487985-\$ or US-4547602-\$ or US-4767791-\$ or US-4789528-\$ or US-4801573-\$ or US-5043057-\$ or US-5020517-\$ or US-5266281-\$ or US-5489726-\$ or US-5520890-\$ or US-5558783-\$).did. or (US-5631302-\$ or US-5676732-\$ or US-5750823-\$ or US-6482366-\$ or US-6482998-\$ or US-6548305-\$ or US-6551832-	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53

		\$ or US-6921778-\$ or US-6936082-\$ or US-7118917-\$ or US-7150994-\$).did. or (US-2852545-\$ or US-3334971-\$).did.				
L11	11	L10 and @ad< "20020704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53
L10	16	(multitubular or multilayer or multi layer) catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53
L9	486	L4 and ("422" or "208").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 15:53

**EAST Search History (Interference)**

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**1/28/2010 3:54:47 PM****C:\Documents and Settings\hnguyen19\My Documents\EAST\Workspaces\10-521161.wsp**